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**(54) OVERVOLTAGE
PREVENTIVE UNIT OF
ELECTRICAL APPARATUS**

(57) Abstract:

PURPOSE: To reduce a failure when an overvoltage preventive circuit is broken down, by removing a connector and replacing only the overvoltage preventive unit when the overvoltage preventive circuit is broken.

CONSTITUTION: When an

overvoltage is applied to an electrical apparatus 5 through a power plug 11, a varistor 10 is broken and two wires are short-circuited and a fuse 9 is burnt out, so that the overvoltage is applied to a control circuit 7 and the electrical apparatus 5 can be protected. In this case, since a connector 12 of an overvoltage preventive circuit substrate 8 can be connected to or disconnected from a connector 12' of a control circuit substrate 6 if desired, only the substrate can be easily replaced when an overvoltage preventive circuit is broken. Thus, for example, when the overvoltage preventive circuit is broken due to a connection mistake of an electrical operator, a failure of normal control circuits is prevented and a cost can be effectively reduced.

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